

CLAIMS

1) Single-control mixer tap for sanitary apparatuses, sinks and showers, with improved delivering water flow adjustment, of the kind including: a base body (1); a ceramic disk cartridge (4) inserted in a seat of the base body (1), between said body (1) and a covering cap (6a; 11a) controlling said cartridge (4); a control lever (6; 11) projecting from said cap (6a; 11a) to rotate said cap and said cartridge in a first plane substantially parallel to the one to apply the tap, to adjust the percentage of hot and cold water to be mixed and in a second plane substantially orthogonal to the first one, to adjust the total water flow to be delivered; and means (7, 10; 14, 15, 17) to be activated together with said control lever (6; 11) to cause a limited rotation in said second plane and to reduce the maximum delivering flow from the tap, the maximum delivering flow corresponding to the one determined by said cartridge being in any case obtainable controlling only said lever (6; 11), without activating said means (7, 10; 14, 15, 17), characterised in that said means (7, 10; 14, 15, 17) and members (10; 17) for their adjustment are all directly associated to said control lever (6; 11) and positioned completely outside of said cap (6a; 11a) with the lever itself.

2) Single-control mixer tap as in 1) wherein said means (7, 10; 14, 15, 17) are apt to limit the rotation of the control lever in said second plane in an adjustable way, to reset on more desired values said reduced maximum flow.

3) Single-control mixer tap as in 1) and 2) wherein said means are formed by a small lever (7, 14) associated to said control lever (6, 11) by pivoting and engagement - through an adjustable screw (10, 17) or directly - with the base body (1) of the tap.

4) Single-control mixer tap as in 3) wherein said lever (6) projects downwards from said cover and manoeuvre cap (6A) for the cap cartridge and said small lever (7) associated therewith directly bears said adjustable screw (10).

5) Single-control mixer tap as in 3) wherein said lever (11) projects upwards from said cover and manoeuvre cap (11A) of the cap cartridge and said small lever (14) associated therewith is pivoted in a box body (12) wherein said lever (11) extends and interacts with an oscillating dumb iron (15) bearing this adjustable screw (17).

6) Single-control mixer tap as in 3) and 4) wherein said lever (6) is shaped and said small lever (7) is U shaped with an edge (9) hook folded.

7) Single-control mixer tap as in 3) and 5) wherein said lever (11) and said small lever (14) are curved and are substantially parallel.